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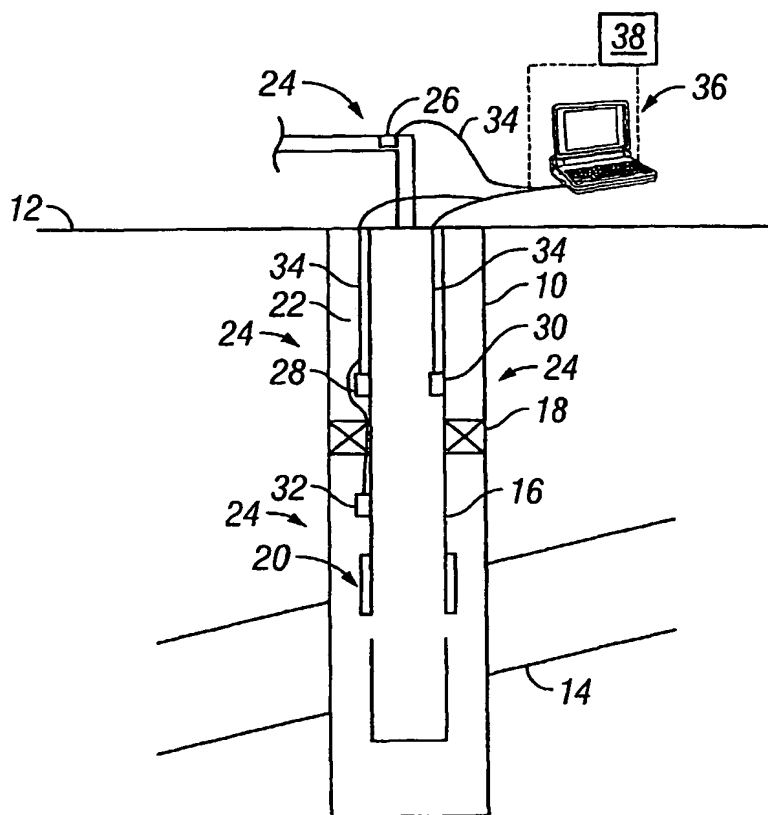
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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR OBTAINING AND ANALYZING WELL DATA



(57) Abstract: A system and method including a sensors (28, 32) deployed in a wellbore (10), the sensors measuring various downhole parameters. The system retrieves the relevant data from the sensors, validates the data, conditions the data, and analyzes the data to diagnose the wellbore and the reservoir (14) to indicate trends therein. The system has the capability of enabling the characterization of the wellbore and reservoir by being linked to well test analysis tools. The system also has a screening analysis that is much less time consuming than well test analysis tools and that indicates to a user which wellbore and/or reservoirs should be subjected to the more robust and time consuming well test analysis tool.



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**A. CLASSIFICATION OF SUBJECT MATTER**  
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According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 703 286 A (CHEN CHIH C ET AL) 30 December 1997 (1997-12-30) column 1, line 37 -column 2, line 35 column 3, line 43 -column 4, line 25 column 5, line 65 -column 6, line 29	1-37, 45-57
A	US 2002/009252 A1 (DAIGLE GUY A ET AL) 24 January 2002 (2002-01-24) the whole document	1
A	US 5 315 110 A (SMITH J DOUGLAS) 24 May 1994 (1994-05-24) the whole document	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## INTERNATIONAL SEARCH REPORT

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